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C. Hoover, food administrator; Charles M. Schwab, director-general of the Emergency Fleet Corporation; John D. Ryan, director-general of the Aircraft Production Board; Vance McCormick, chairman of the War Trade Board; W. L. Saunders, chairman of the Naval Consulting Board; Mark L. Requa, head of the Oil Division of the Fuel Administration; Sidney J. Jennings, president of the American Institute of Mining Engineers; Benedict Crowell, Assistant Secretary of War, and Pope Yeatman, of the War Industries Board. Francis Peabody, chief, explosives section, Bureau of Mines, will be the toastmaster.

Members of the American Institute of Mining Engineers are active in a wide field of war work including the Engineer Officers' Reserve Corps, Ordnance and Signal Corps Branches of the Army and Navy, Aircraft Production, Food and Fuel Administrations, War Industries Board, War Trade Board, and the Department of the Interior. Several members of the institute have also joined the Royal Engineers of the British Army. The arrangements for the conference are in charge of Van H. Manning, director of the Bureau of Mines. In the afternoon the board of directors of the institute will hold a meeting at the Bureau of Mines.

At a meeting on June 20 a Washington section of the American Institute of Mining Engineers was formed. Although remote from the country's mining centers, Washington now contains more mining engineers than any other city.

SCIENTIFIC NOTES AND NEWS

DR. ALEXANDER LAMBERT, of the College of Physicians and Surgeons, Columbia University, was elected president of the American Medical Association at the Chicago meeting on June 13. Admiral W. C. Braisted, Surgeon-General of the Navy had a nearly equal number of votes. Dr. Lambert is medical director of the American Red Cross work in France, and president of the New York State Medical Association.

At the recent commencement of New York University, the degree of LL.D. was conferred

on Surgeon-General William C. Gorgas, and the degree of doctor of public health on Dr. Charles Edward Amory Winslow, professor of public health at Yale University.

At its commencement exercises held on June 12, St. Lawrence University conferred the degree of doctor of laws on Dr. Frederic S. Lee, professor of physiology in Columbia University.

SIR NAPIER SHAW, president of the International Meteorological Committee, has been appointed scientific adviser to the British government for the period of the war. Sir Napier has been director of the British meteorological office since 1905.

OLIVER HEAVISIDE, the distinguished English mathematical physicist, has been elected an honorary fellow of the American Institute of Electrical Engineers. The only other honorary fellows are: Marconi, Ferranti, Blondel and C. E. L. Brown.

PROFESSOR L. V. KING, of the Macdonald Physical Laboratories, McGill University, was elected president of Section III., Chemical and Physical Sciences, at the thirty-seventh meeting of the Royal Society of Canada, recently held in Ottawa, Canada. Professor King has been carrying on a series of practical researches for anti-submarine warfare and other work on behalf of the British Admiralty.

THE Franklin Institute has awarded the Howard N. Potts medal to Dr. Alexander Gray, of Ithaca, N. Y., for his paper, entitled "Modern dynamo electric machinery," which is "an exhaustive discussion of the design of dynamo electric machinery." The institute has awarded its Edward Longstreth medal of merit to Professor H. Jermain Creighton, of Swarthmore College, for his paper, entitled "The deteriorating action of salt and brine on reinforced concrete," which presents "the results of an original and scientific investigation in a matter of great practical importance. An Edward Longstreth medal of merit has also been awarded to Dr. J. B. Whitehead, of Baltimore, for his paper, entitled "The electric strength of air and methods of measuring high voltage," which gives "a clear exposition of

the underlying principles of the phenomenon of the electric corona at high potentials."

LORD ROTHSCHILD has been elected an honorary member of the recently founded Entomological Society of Spain.

SAMUEL R. WILLIAM, professor of physics at Oberlin College, has been appointed Ernest Kempton Adams fellow by Columbia University.

SIR WILLIAM ARBUTHNOT LANE, consulting surgeon to Guy's Hospital, Sir James Mackenzie, physician to the London Hospital, and Colonel Herbert A. Bruce, consulting surgeon of the British Armies in France, are now in this country to attend American medical conferences.

MAJOR GEORGE W. NORRIS, of the University of Pennsylvania, who went to France nearly a year ago with Base Hospital No. 10, now No. 16, with the British Expeditionary forces, has been assigned, in addition to his other work, consultant in general medicine for Advance Section S. O. S., Zone of the Advance. He is attached to the American Expeditionary forces.

W. A. COCHEL, for six years head of the department of animal husbandry, Kansas State Agricultural College, has resigned his position to become secretary of the American Short-horn Breeders' Association. He will probably continue to make his home in Manhattan.

PRESIDENT W. A. JESSUP, of the University of Iowa, has received a letter from Professor C. C. Nutting, head of the expedition to the British West Indies, stating that the party had reached the island of Barbados safely after a thirteen-day voyage from New York City. Each of the nineteen members in the company is in good health, and prospects are favorable for a successful outcome. The explorers are now in government quarters and have equipped excellent laboratories and aquariums for the study of sea life.

PROFESSOR VAUGHAN MACCAUGHEY, professor of botany at the College of Hawaii, Honolulu, will have charge of the courses in biology and field natural history at the Chataqua Institution Summer Schools, Chataqua, New York. En route he will lecture at educational centers

on "The Islands of the Pacific and the World War."

SIR ALEXANDER PEDLER, F.R.S., known for his research work in chemistry, for many years professor of that science in the Presidency College at Calcutta, later vice-chancellor of the Calcutta University and minister of public instruction in Bengal, died on May 13, aged sixty-eight years.

THE death is announced in *Nature* of Dr. R. G. Hebb, consulting physician and physician pathologist to Westminster Hospital, lecturer on pathology at Westminster Hospital Medical School, reader in morbid anatomy at the University of London, and editor of the *Journal of the Royal Microscopical Society*.

THE Civil Service Commission announces a registration examination for geodetic, hydrographic and magnetic computers in the United States Coast and Geodetic Survey. This is a continuing examination and the entrance salary is \$1,200 per annum. Detailed information regarding the requirements and the work done by the computers will be furnished upon application to the U. S. Civil Service Commission or to the U. S. Coast and Geodetic Survey, Washington, D. C.

UNIVERSITY AND EDUCATIONAL NEWS

A \$50,000 BEQUEST to the University of Pennsylvania is included in the will of the late Dr. William C. Goodell, to be used to endow a chair of gynecology.

A LETTER from the department of registration and education of the state of Illinois, states that after October 15, 1918, no medical college will be recognized as in good standing in Illinois unless it requires for admission two years of work in an approved college of liberal arts or a fully equivalent education.

THE University of Wisconsin reports the receipt of gifts amounting to \$100,000 which, with an appropriation of \$50,000 from the legislature of 1917, will be used in the construction of a new infirmary for the medical school.

DR. H. L. RIETZ, of the University of Illinois, has been made head of the mathematics at the State University of Iowa. He will suc-